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SLV4200



EN Wireless TV Link

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**PHILIPS**



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# I Important

Take time to read this user manual before you use your wireless TV link. It contains important information and notes regarding your wireless TV link.

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## I.1 Power requirements

- Connect the power adapters only to a 100-240V AC 50/60Hz power supply.
- The Electrical network is classified as hazardous. The only way to power down the charger is to unplug the power supply from the electrical outlet. Ensure that the electrical outlet is always easily accessible.

### Warning

To avoid damage or malfunction:

- Do not expose the wireless TV link to excessive heat caused by heating equipment or direct sunlight.
- Do not drop your wireless TV link or allow objects to fall on your wireless TV link.
- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the set.
- Do not use the product in places where there are explosive hazards.
- Do not let small metal objects come into contact with the product. This can deteriorate audio quality and damage the product.
- Active mobile phones in the vicinity may cause interference.
- Do not open your product as you could be exposed to high voltages.
- Do not allow the charger to come into contact with liquids.

- Do not allow the TV link to come into contact with liquids.
- Use only with provided power supply.  
Manufacturer: Concord.  
Model Name: CM-3AD09005.
- Power supply information for receiver and transmitter  
Input: AC 100-240V/120mA,  
50Hz/60Hz

Output: DC9V/500mA

About operating and storage temperatures:

- Operate in a place where temperature is always between 0 and 40°C (32 to 103°F).
- Store in a place where temperature is always between -10 and 70°C (14 to 157°F).

---

## I.2 Conformity

This product has been designed, tested and manufactured according to the European R&TTE directive 1999/5/EC

Following this directive, this product can be brought into service in the following states:

CE 0682		R&TTE Directive 1999/5/EC			
BE	✓	DK	✓	GR	✓
ES	✓	FR	✓	IE	✓
IT	✓	LU	✓	NL	✓
AT	✓	PT	✓	RU	✓
SE	✓	SK	✓	UK	✓
NO	✓	DE	✓	CH	✓
PL	✓	SK	✓	CZ	✓

Class identifier. This is a class I product.

We, Philips, declare that the product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. You can find the Declaration of Conformity on [www.p4c.philips.com](http://www.p4c.philips.com).



### 1.3 Recycling and disposal

*Disposal instructions for old products.*

The WEEE directive (Waste Electrical and Electronic Equipment; 2002/96/EC) has been put in place to ensure that products are recycled using best available treatment, recovery and recycling techniques to ensure human health and high environmental protection.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

Do not dispose of your old product in your general household waste bin.

Inform yourself about the local separate collection system for electrical and electronic products marked by this symbol:



*Use one of the following disposal options:*

1. Dispose of the complete product (including its cables, plugs and accessories) in the designated WEEE collection facilities.
2. If you purchase a replacement product, hand your complete old product back to the retailer. He should accept it as required by the WEEE directive.

Packaging information:

Philips has marked the packaging with standard symbols designed to promote the recycling and appropriate disposal of your eventual waste.



A financial contribution has been paid to the associated national recovery & recycling system.



The labeled packaging material is recyclable.

### 1.4 Electric, Magnetic and Electromagnetic Fields ("EMF")

1. Philips Royal Electronics Manufactures and sells many consumer oriented products which usually, as with any electronic apparatus, have the ability to emit and receive electro magnetic signals.
2. One of Philips' leading Business Principles is to take all necessary health and safety precautions for our products, to comply with all applicable legal requirements and to stay well within the EMF standards applicable at the time of producing the products.
3. Philips is committed to develop, produce and market products that cause no adverse health effects.
4. Philips confirms that if its products are handled properly for their intended use, they are safe to use according to scientific evidence available today.
5. Philips plays an active role in the development of international EMF and safety standards, enabling Philips to anticipate further developments in standardisation for early Integration in its products.

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## **1.5 Installation requirements**

The product transmits and receives radio waves when it is switched on. The product complies with the standards that are defined for it.

As the product is based on RF technology, the quality of the image can be influenced by microwave ovens, Bluetooth, Wifi etc. Therefore the product can suffer from the same kinds of interference as GSMs, portable radios and other RF-based products.

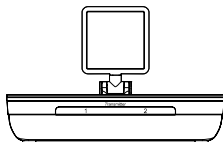
---

## 2 Your Wireless TV link

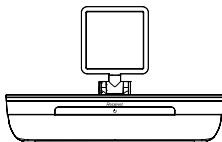
Congratulations on your purchase and welcome to Philips!  
To fully benefit from the support that Philips offers, register your product at [www.philips.com/welcome](http://www.philips.com/welcome).

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### 2.1 What's in the box



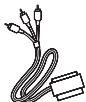
A. Transmitter



B. Receiver



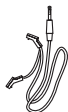
C. SCART cable



D. RCA/SCART cable



E. Power adapter (2x)



F. Remote control blaster cord

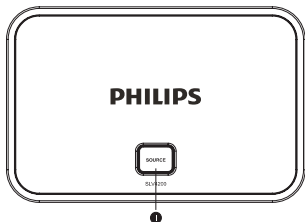


G. User manual

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### 2.2 Overview of the Wireless TV link

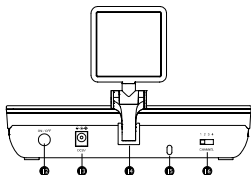
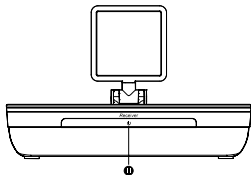
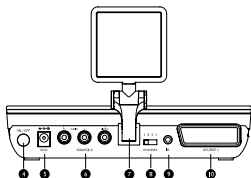
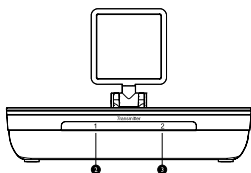
Transmitter



**Control and display elements**

I SOURCE switch

## Transmitter



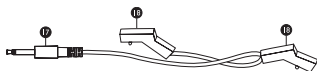
### Control and display elements

- 2 green: on (source 1)
- 3 green: on (source 2)
- 4 Power on/off switch
- 5 Power input connector (DC 9V)
- 6 RCA cable entry
- 7 Antenna
- 8 Wireless channel selection switch  
> Select from 4 available channels
- 9 Remote control blaster cord port
- 10 SCART cable entry

### Control and display elements

- 11 Power light:  
> green: on
- 12 Power on/off switch
- 13 Power input connector (DC 9V)
- 14 Antenna
- 15 SCART cable
- 16 Wireless channel selection switch  
> Select from 4 available channels

## Remote control blaster cord



- 17 Connector
- 18 Blaster light

---

## 3 Getting started

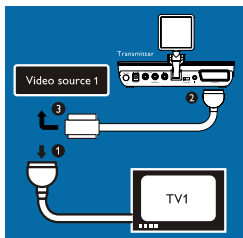
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### 3.1 Connect transmitter

Two video sources can be connected at the same time to the SLV4200 transmitter.

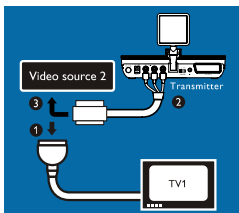
The video sources can be the following: DVD players/recorders, VCR, Game Consoles, Cable & Satellite Set-Top-Boxes, and more.

1. Connect video source 1 to the transmitter (A).
  - a. Unplug the SCart cable that connects source 1 to the TV1.
  - b. Connect the transmitter to the source 1 using the supplied SCART/SCART cable (C).

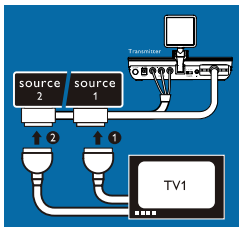


2. Connect video source 2 to the transmitter (A).
  - a. Unplug the SCart cable that connects source 2 to the TV1.
  - b. Take the supplied RCA/SCART cable (D).

- c. Plug the RCA connectors into the corresponding ports of the transmitter (A).
- d. Plug the SCART connector of the RCA/SCART cable into the SCART port of the video source 2.

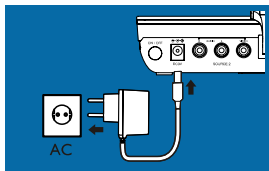


3. Connect TV1
  - a. Plug the SCART cable from TV1 into the SCART connector of source 1.
  - b. Plug the SCART cable from TV1 into the SCART connector of source 2.

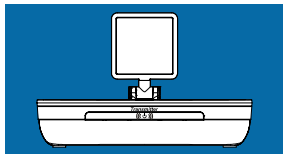


4. Connect the power adapter
  - a. Take the supplied power adapter (E) to plug the connector into the DC 9V power connector on the transmitter (A).

- b. Plug the adapter into the power outlet.



- c. The green LED on the front panel should be on.



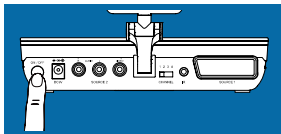
Note: if it is not the case, press the ON/OFF switch on the back of the product.

5. Check that TVI is working well
  - a. Switch on TVI
  - b. Check that TVI is working well.
  - c. Switch on the connected video source for the video source chosen.
  - d. Check if TVI shows the image of the video source.
    - > The transmitter is connected correctly.

### 3.2 Install the remote control blaster cord

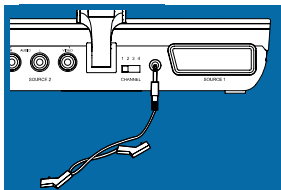
The remote control blaster cord transmits IR signal to Source devices.

1. Switch off the transmitter (A).



2. Connect the remote control blaster cord (F) to the IR socket.
3. Position the blaster light in front of the video source. Just put it in front of the IR sensor on the front panel of the video source.

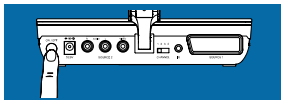
Note: See the FAQ “How can I find the IR sensor on the video source?” for locating the IR sensor on the front panel of the video source.



### 3.3 Connect receiver

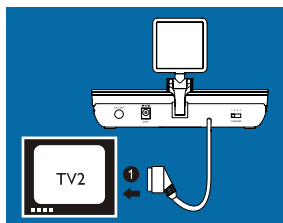
Preparation

- Switch on the transmitter (A).

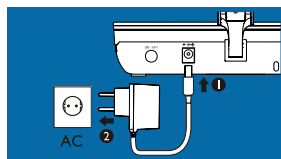


- Switch on the Video source.
- Take these items:
  - Receiver (B)
  - Power adapter (E)
  - Remote control of the video source.
- Go to TV2.

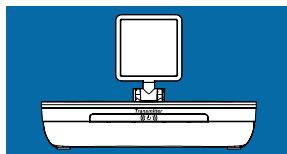
1. Connect the receiver to the second TV (TV2)  
Plug the SCART cable of the receiver (B) into the SCART port of TV2.



2. Connect the power adapter
  - a. Take the supplied power adapter (E) to plug the connector into the DC 9V power connector on the Receiver (B).
  - b. Plug the adapter into the power outlet.



- c. The green LED on the front panel should be on.



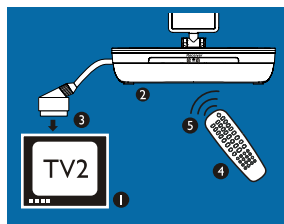
Note: if it is not the case, press the ON/OFF switch on the back of the product.

3. Set the CHANNEL switch to the same channel number as on the transmitter (A).

### 3.4 Enjoy

All the operations listed on 3.1 and 3.3 should have been done.

1. Switch on TV2.
2. Switch on the receiver (B).
3. Select the correct SCART input on TV2.
4. Point the remote control of the video source to the receiver (B).
5. Operate the video source with its remote control.
6. Check if TV2 shows the image of the video source.
  - > The receiver is connected correctly.



**Note:** If the VCR or DVD recorder records a television program, you watch the recorded channel.

**Note:** how to watch a video source on TV1?

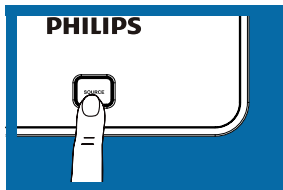
Use your TV1 and your video source as usual to watch a video source on TV1.

**Note:** In case the video source does not react the IR control blaster might not be installed properly. See the FAQ "How can I find the IR sensor on the video source?" for locating the IR sensor on the front panel of the video source.

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### 3.5 Select Source

Switch between the two video source images by pushing the source switch on the Transmitter.

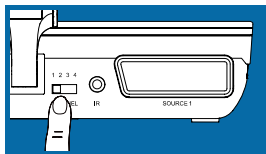


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### 3.6 Remove interference on TV2

Depending on your specific situation, after completing 3.1 and 3.3, you may experience some interference.

1. Find the CHANNEL switch on the transmitter (A). There are 4 channels. You may have to change the channels in case of interferences.
2. Set the CHANNEL switch to a different number on the transmitter (A) in case of interferences.

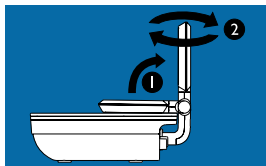


3. Find the CHANNEL switch on the receiver (B).
4. Set the CHANNEL switch to the same number as on the transmitter (A).

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### 3.7 Improve the quality of the reception with the antenna

1. Adjust the orientation of the antenna of the receiver for best picture.



2. Best transmission performance you obtain when the front sides of the transmitter and receiver antennas are "faced" to each other in an imaginable straight line.



---

## 4 Technical Data

### Transmitter

System: RF (TV-LINK)  
Modulation: FM  
Weight: 0.27kg  
Dimensions: 120X182X40.2mm  
Carrier Frequency: 5750~5855MHz  
Channels: 4  
Radiated Output Power: 25mW  
Effective Transmission Range: 35m  
Audio Input level: 2V  
Video Input level: 1.1V  
Power requirements: 9V/500mA

IR Extender Receiver  
RF Frequency: 433.92MHz  
Receiving Sensitivity: -90 ~ -98 dBm  
IR carrier Frequency: 30~57kHz  
IR LED Operation Range:  $\geq 3\text{m}$

### Receiver

System: RF (TV-LINK)  
Weight: 0.33kg  
Dimensions: 120X182X40.2mm  
Playback frequency range:  
5750~5855MHz  
Channels: 4  
Audio S/N ratio: 50dB (at 15m)  
Video S/N ratio: 43dB (at 15m)  
Audio Output level: 2V  
Video Output level: 1.1V  
Video Frequency Response:  
50Hz~5.5MHz

Audio frequency response: 40Hz~15kHz  
Power Requirements: 9V/500mA

IR Extender Transmitter  
IR Frequency: 433.92MHz  
RF Output Power: 7~9dBm  
IR carrier Frequency: 30~57kHz  
IR Sensor Operation Range:  $\geq 7\text{m}$

### Temperature range

- Operation: Between 0 and 40°C (32 to 103°F).
- Storage: Between -10 and 70°C (14 to 157°F).

### Relative humidity

- Operation: Up to 90% at 40°C
- Storage: Up to 90% at 40°C

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## 5 Frequently asked questions

[www.philips.com/support](http://www.philips.com/support)

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In this chapter, you will find the most frequently asked questions and answers about your product.

### No image or wrong image on TV1

- Make sure the video source is switched on.
- Make sure the video source is connected to the transmitter (A).
- Make sure the transmitter (A) is connected to TV1.
- Make sure the transmitter (A) is switched on.
- Make sure SCART cables are firmly inserted.
- Make sure the correct SCART input on TV1 is selected.

### No image or wrong image on TV2

- Make sure SCART cables are firmly inserted.
- Make sure the receiver (B) is connected to TV2.
- Make sure both receiver (B) and transmitter (A) are switched on.
- Make sure the video source is switched on.
- Make sure the correct SCART input on TV2 is selected.
- If the video source gives proper image on TV1, make sure the video source gives video signal in CVBS mode.

- Change the wireless channel that is used for communication.  
See “Remove interference on TV2” on page 12.
- The receiver (B) is out of range of the transmitter (A). The number of walls and ceilings between the receiver (B) and transmitter (A) restricts the distance.

### Interference in the image on TV2

- Slightly change the position of the receiver (B) or the transmitter (A).
- Change the wireless channel that is used for communication.  
See “Remove interference on TV2” on page 12.
- The receiver (B) is out of range of the transmitter (A). The number of walls and ceilings between the receiver (B) and transmitter (A) restricts the distance.

The video sources do not respond to the remote control commands from TV2

- Point the remote control directly to the receiver (B).
- Replace the batteries of the remote controls with new ones.
- Install the remote control blaster cord (F).

See “Install the remote control blaster cord” on page 10.

Note: The maximum operating distance of the remote control is 7m.

Buzzing sound when you use the remote control.

- Slightly change the position of the receiver or the transmitter until the buzzing sound stops.

Easylink feature does not work.

- Check if the TV and VCR support Easylink.
- Check if you used full-wired SCART cables.

Black and white image with S-VHS VCR.

- (Super Video Home System Video/ Cassette/Recorder)
- Check if the SCART connector of the S-VHS VCR gives signal in CVBS. (Composite Video Broadcast Signal). See its user manual.

How can I find the IR sensor on the video source?

- The blaster light needs to be positioned precisely on the IR sensor of the video source. Some equipments have the letters IR at the front indicating the location of the IR sensor. In case there is no indication the position can be found by moving the blaster light slowly over the front of the video source while a 2nd person operates the remote control at the location of TV2. At least make sure that the remote control is out of range of the video source. When the video source starts to react the IR sensor location is found. Mount the blaster light on this location at the front of the video source.
- Another possibility is to move the remote control over the front of the video source while operating it. Once the video source starts to react the location of the IR sensor is found. This method is less accurate and does not work for each remote control model.
- Also consult the documentation of your video source to locate the IR sensor.

How can I watch a different channel on TV1 and TV2 simultaneously?

- Watching two different channels is only possible if you use two tuners. For example TV1 uses its internal tuner and TV2 uses the tuner of the VCR. For switching channels on TV2 you switch then between the channels stored in the VCR. Note that this is not possible when you have a digital cable.
- Connect your antenna cable to both your TV1 and your VCR.
- Search for the TV channels on your VCR and store them in your VCR.
- Connect the transmitter (A) to the output of the VCR.
- Connect the receiver (B) to the input of TV2.
- To switch TV channels on TV2 switch the channel on your VCR.

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## 6 Information

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### 6.1 Warranty

#### **One year limited warranty**

For 12 month from the date of purchase the manufacturer repairs or replaces any faulty product free of charge, subject to proof of purchase, provided the fault has not been caused by improper handling or use, and provided the product has not been damaged, whether as a result of an accident or of repair by others than the manufacturer.

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### 6.2 Glossary

#### **CVBS:**

Video standard for showing colors on a TV.

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#### **Easylink:**

Gives a VCR or DVD recorder the possibility to automatically take over the preset programming of the TV.

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#### **RCA:**

Separate connectors to connect audio video equipment.

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#### **RF technology:**

Technology based on radio frequency, used for wireless connections.

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#### **SCART:**

Single connector to easily connect audio and video equipment.

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## 8 Declaration of Conformity



# PHILIPS

AQ95-56F-1158  
(report No.)

### EC DECLARATION OF CONFORMITY

We , Philips Consumer lifestyle, BU P&A: Building SFF5  
(manufacturer's name)

P.O.Box 80002, 5600 JB Eindhoven, The Netherlands  
(manufacturer's address)

declare under our responsibility that the electrical product:

Philips  
(name)

SLV4200 -/12  
(type or model)

Wireless Analog TV-link  
(product description)

to which this declaration relates is in conformity with the following standards:

IEC60950-1:2005 2nd edition  
EN60950-1:2006  
EN 301 489-1 V1.8.1  
EN 301 489-3 V1.4.1  
EN 300 220-1 V2.1.1  
EN 300 220-2 V2.1.2  
EN 300 440-1 V1.2.1  
EN 300 440-2 V1.2.1  
EN62311

(title and/or number and date of issue of the standards)

following the provisions of 1999/5/EC ( R&TTE Directive)  
and is produced by a manufacturing organisation on ISO 9000 level.

Eindhoven, 20/05/2009  
(place, date)

K.Rysman  
Approbation manager  
(signature, name and function)



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Document number: SLV4200\_I2\_EN\_UM\_VI.1

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